Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 06 Aug 2021 until 23:59 on Saturday 07 Aug 2021

Forecast Issued on Thursday 05 Aug 2021 at 13:12

Confidence: High for unsettled conditions dominating this weekend, with showers and some longer spells of rain, some heavy and thundery. A trend towards less unsettled conditions by Tuesday.

Headline for Friday 06 Aug 2021: Showers, some heavy and thundery, becoming more frequent into the afternoon. Perhaps more prolonged rain developing after dusk, along with stronger winds.

Mountain weather hazards on Friday 06 Aug 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
High Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers (night)	Light rain showers (night)	Heavy rain showers	Heavy rain showers	Thundery showers	Thundery showers	Thundery showers	Heavy rain showers (night)
Precipitation probability							
60%	50%	40%	50%	60%	70%	60%	60%

Forecast for Friday 06 Aug 2021

Weather: Rain, some locally heavy at first, easing to scattered showers overnight. Further showers developing through the morning into the afternoon, some heavy and thundery, with a risk of lightning and hail. Some brief bright or sunny intervals likely. By dusk showers may merge into a more prolonged spell of rain.

Chance of cloud free mountain/hill tops above 600m: 20% at first improving to 80%, perhaps decreasing to 40% after dusk.

Visibility: Areas of cloud above 400-500m at first, but generally lifting above most summits by afternoon, with good visibility beneath outside of showers. However, temporary and perhaps rapid deteriorations may occur in visibility associated with heavy showers.

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Mountain Weather Forecast

Forecast for Friday 06 Aug 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/18 SE	10/15 S	10/14 SE	10/14 S	12/19 SW	17/25 SW	19/28 SW	18/28 SW	18/27 S
300	8/17 SE	6/13 S	6/13 SE	7/13 S	8/16 SW	13/25 SW	13/26 SW	12/26 SW	13/26 S
Valley	6/15 SE	5/12 SE	5/12 SE	7/14 S	10/19 SW	13/25 SW	12/25 SW	11/24 S	11/25 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	12/10	12/10	12/11	13/11	12/10	12/8	11/7	10/7
300	14/13	14/13	14/13	15/14	15/14	14/12	14/12	13/11	12/10
Valley	15/14	14/14	15/14	16/16	17/15	16/14	16/14	14/12	14/12
Freezing Level*	2700m	2600m	2600m	2500m	2600m	2600m	2500m	2500m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Highest summits likely to be cloud covered for much of the day. The risk of lightning associated with heavy showers increases into the afternoon. Winds may become gusty at times in/near heavy showers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 05 Aug 2021	13.6mm	13.6mm	14.6mm

Forecast for Saturday 07 Aug 2021

Weather: Perhaps a longer spell of rain at first, some heavy, with further heavy, thundery showers developing through the day.

Maximum wind: Southwest 20mph gusts 30-35mph.

Chance of cloud free mountain/hill tops above 600m: 30% at first increasing to 60% by afternoon.

Visibility: Areas of cloud above around 500m at first, but generally lifting into the afternoon, with good visibility beneath outside of showers. However, high summits may be cloud covered for much of the day, and temporary, perhaps rapid deteriorations in visibility may occur in heavy showers.

Temperature: **Valleys:** Plus 13 Celsius rising to 18 Celsius by afternoon.
At 600m: Plus 11 Celsius.
Freezing level: Above summits.

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